Hampden County Regional

Agawam Corporate Center 67 Hunt Street, Suite 116 Agawam, MA 01001 Phone 413-737-1344 Fax 413-732-7999

Board Members

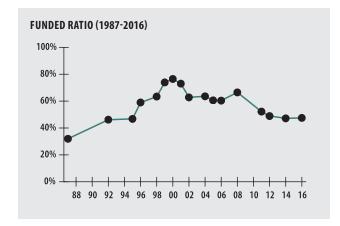
Richard M. Theroux (Chairperson), Patricia C. Donovan, Patrick O'Neil, Laurel Placzek, Karl Schmaelzle

Board Administrator

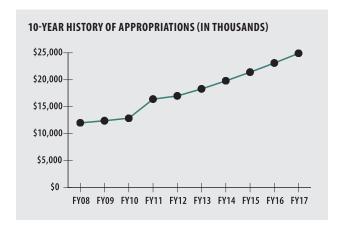
Julianne Bartley

Board Meeting

Next to the last business day of each month



INVESTMENT RETURN (2012-2016, 5 YEAR AND 32 YEAR AVERAGES) 16% 14% 12% 10% 8% 6% 4% 2% 0% 12-16 85-16 14 15 16



32 years 2016 31 years 2015 30 years 2014 8.52% 8.54% 8.78% 10 years 2016 10 years 2015 10 years 2014 4.89% 5.37% 5.91% 5 years 2016 5 years 2015 5 years 2014 9.84% 8.99% 7.57%

INVESTMENT RETURN HISTORY

ACTUARIAL

► Funded Ratio		47.5%
▶ Date of Last Valuation		01/16
► Actuary		The Segal Company
Assumed Rate of Return		7.75%
▶ Funding Schedule		Varies Total Increasing
Year Fully Funded		2036
Unfunded Liability		\$344.7 M
► Total Pension Appropriation (Fiscal 2017)		\$24.9 M
▶ Number of Members	2,582	1.657
, manual of members	\$103.0 M	\$33.3 M
► Total Payroll/Benefit) IU3.U IVI	الاا د.ددد
Average Salary/Benefit	\$39,900	\$20,100
▶ Average Age	49	73
Average Service	12.0 years	NA

ASSET ALLOCATION (12/31/16)

PORT. COMP. STRATEGIES 1.0% CASH/OVERLAY 5.4% **HEDGE FUNDS 8.5% EMERGING MKT EQUITY 6.5%** TIMBER/NAT. RESOURCES 3.49 DOMESTIC EQUITY **REAL ESTATE** 8.5% **PRIVATE EQUITY** 11.3% FIXED VA/HY 7.9% INT'L EQUITY 15.9% FIXED INCOME 11.6%

EARNED INCOME OF DISABILITY RETIREES (2015)

► Number of Disability Retirees	103
▶ Number Who Reported Earnings	31
► Number of Excess Earners	0
▶ Total Amount of Refund Due	\$0

▶ 2016 Return	7.93%
▶ 2016 Market Value	\$319.5M
▶ 2012-2016 (Annualized)	8.99%
▶ 1985-2016 (Annualized)	8.52%